UTAH CTE SKILL CERTIFICATION

PLUMBING

STUDENT PERFORMANCE EVALUATION

TEST #516

The performance evaluation is a required component of the Skill Certification process. Each evaluated on the required performance standards. Performance standards may be completed				
anytime during the course.	i and eva	nuate	u	
Students should be aware of their progress throughout the course, so that they can cobjectives that need improvement.	oncentra	te on	the	
 Students should be encouraged to repeat the objectives until they have performed at number 1 or 2 on the rating scale (moderately to highly competent level). 1= highly competent Successfully demonstrated without supervision 2= moderately competent Successfully demonstrated with limited supervision 3= limited competence Demonstrated with close supervision 4= not competent Demonstrated with close supervision When a standard has been achieved at a minimum of 80% (moderately to highly confused in the performance evaluation not achieve a 1 or a 2 (moderately to highly competent level), then "N" (N=NO) is not that standard. All performance standards MUST be completed and evaluated prior to the written to the teacher will bubble in "A" on the answer sheet for item #81 for students who have the performance standards. 	n mpetent l n sheet. l recorded est.	evel). f a stu	"Y" udent d e last li	ne
 The teacher will bubble in "B" on the answer sheet for item #81 for students who h "N's" on the performance standards. The signed performance evaluation sheet(s) MUST be kept in the teachers' file for A copy is also kept on file with the school's CTE Skill Certification testing coordinates. 	two years	S.		
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	0501-03 Students will be able to understand and demonstrate the use of plumbing ath.	1	2	3	4		
	Identify the parts of a fitting and use common pipe measuring techniques.						
	Use fitting dimension tables and a framing square to determine fitting allowances and pipe						
	Calculate end-to-end measurements by figuring fitting allowances and pipe makeup.						
	Use a framing square to find the center of fittings.						
	Figure 45-degree offsets and travel using the Pythagorean theorem.						
	Figure 45-degree offsets and travel using the constant method.						
	Figure 45-degree offsets and travel using a framing square or tape measure.						
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46	0501-04 Students will be able to understand and use plumbing drawings.	1	2	3	4		
	Identify pictorial (isometric and oblique), schematic, and orthographic drawings, and discusdifferent views are used to depict information about objects	s ho	w				
	Identify the basic symbols used in schematic drawings of pipe assemblies.						
	Explain the types of drawings that may be included in a set of plumbing drawings and the relationship between the different drawings.						
	Interpret plumbing-related information from a set of plumbing drawings.						
	Convert plan view drawings to simple isometric drawings.						
	Use an architect's scale to draw lines to scale and to measure lines drawn to scale.						
	Discuss how local code requirements apply to certain drawings.						
46		1	- 1				
	0501-05 Students will be able to understand and demonstrate the use of plastic pipe a tings.	1	2	3	4		
	Identify the common types of materials and schedules of plastic piping.						
	Identify the common types of fittings and valves used with plastic piping.						
	Identify and determine the kinds of hangers and supports needed for plastic piping.						
	Identify the various techniques used in hanging and supporting plastic piping.						
	Demonstrate the ability to properly measure, cut, and join plastic piping.						
	Follow basic safety precautions for the installation, operation, and maintenance of plastic tu	bing	g.				
	Identify the hazards and safety precautions associated with plastic piping.						

Explain safety as it applies to plumbing tools.

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6(0501-06 Students will be able to understand and demonstrate the use of copper pipe an	1	2	3	
Ī	Select the correct types of materials for copper piping systems.				_
1	Identify types of fittings and valves and their uses.				
1	Select the correct hanger or support for the application.				
1	Select the appropriate personal protective equipment for working with copper piping.				
1	Correctly measure, cut, ream, and join copper piping.				
	0501-07 Students will be able to understand and demonstrate the use of fixtures and cets.	1	2	3	
ĺ	Identify the basic types of materials used in the manufacture of plumbing fixtures.				
1	Discuss common types of sinks, lavatories, and faucets.				
1	Discuss common types of bathtubs, bath-shower modules, shower stalls, and shower baths.				
	Discuss common types of toilets, urinals, and bidets.				
1	Discuss common types of drinking fountains and water coolers.				
1	Discuss common types of garbage disposals and domestic dishwashers.				
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60	0501-08 Students will be able to understand drain, waste, and vent (DWV) Systems.	1	2	3	
	Explain how waste moves from a fixture through the drain system to the environment.				
l	Identify the major components of a drainage system and describe their functions.				
1	Identify types and parts of traps and explain the importance of traps, and how traps lose their seals.				
	Identify the various types of DWV fittings and describe their application.				
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60	9501-09 Students will be able to understand water, distribution systems.	1	2	3	Γ
	Discuss how water moves from the source, through the water distribution system, and to the	ixt	ure.		
1	Identify the major components of water distribution system and describe the function of each comp	on	ent.		
1	Explain the relationships between the components of a water distribution system				

The instructor must retain a copy of this Student Performance Evaluation for two years after the student has left the program.

Instructor Signature:	Date:
Student Signature:	Date:
School:	